

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/N02004/000393

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K49/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 800 831 A (DAIICHI PURE CHEMICALS CO. LTD; DAIICHI PURE CHEMICALS CO., LTD) 15 October 1997 (1997-10-15) page 2, line 50 page 7, line 37 example 12 page 17, lines 27-49 claim 1 ----- -/-	1, 3, 5, 7-13

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

9 May 2005

Date of mailing of the international search report

23/05/2005

## Name and mailing address of the ISA

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## C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/61194 A (INSTITUT FUER DIAGNOSTIKFORSCHUNG GMBH AN DER FREIEN UNIVERSITAET BERL) 19 October 2000 (2000-10-19) page 1, paragraph 1-3 page 3, paragraph 1-3 page 3, line 25 page 14, lines 13-30 claims 1,27 page 92, line 10 -----	1-3,6-13
X	EP 1 170 021 A (SHERING AKTIENGESELLSCHAFT) 9 January 2002 (2002-01-09) paragraphs '0026!', '0027! page 12, lines 6,9,10 paragraphs '0003! - '0006!; claim 1 -----	1-3,6-13
X	WO 01/91805 A (BRACCO RESEARCH USA; VON WRONSKI, MATHEW, A; MARINELLI, EDMUND, R; NUN) 6 December 2001 (2001-12-06) page 3, line 29 - page 4, line 28 page 5, lines 10-21 See page 97, "BRU-317"; page103, "BRU-326"; page 114, "BRU-346", page 120, "BRU-239". claims 1,10,47-53 -----	1-3,6-8
X	WO 98/47541 A (NYCOMED IMAGING AS; COCKBAIN, JULIAN, RODERICK, MICHAELSON; KLAVERNESS,) 29 October 1998 (1998-10-29) See page 5, lines 1-4: vascular endothelial growth factors. page 70, paragraph 3 - page 86, paragraph 3 claims 1,4 -----	1-3,6-8
X	MARCHI-ARTZNER, VALERIE ET AL: "Adhesion of Arg-Gly-Asp ( RGD ) Peptide Vesicles onto an Integrin Surface: Visualization of the Segregation of RGD Ligands into the Adhesion Plaques by Fluorescence" LANGMUIR , 19(3), 835-841 CODEN: LANGD5; ISSN: 0743-7463, 2003, XP002326372 the whole document -----	1-3,6,7
Y	WO 00/71162 A (MALLINCKRODT INC) 30 November 2000 (2000-11-30) page 1, line 28 - page 2, line 2; claims; figures; examples -----	1-13
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ACHILEFU S ET AL: "NOVEL RECEPTOR-TARGETED FLUORESCENT CONTRAST AGENTS FOR IN VIVO TUMOR IMAGING" INVESTIGATIVE RADIOLOGY, PHILADELPHIA, PA, US, vol. 35, no. 8, 2000, pages 479-485, XP000978923 the whole document -----	1-13
Y	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; May 1995 (1995-05), FLÉJOU J F ET AL: "'Overexpression of protein p53 and Barrett esophagus. A frequent and early event in the course of carcinogenesis!'" XP002326189 Database accession no. NLM7589998 abstract & GASTROENTEROLOGIE CLINIQUE ET BIOLOGIQUE. MAY 1995, vol. 19, no. 5, May 1995 (1995-05), pages 475-481, ISSN: 0399-8320 -----	1-13
Y	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; June 1996 (1996-06), CASTELLÀ E ET AL: "Expression of CD44H and CD44v3 in normal oesophagus, Barrett mucosa and oesophageal carcinoma." XP002326190 Database accession no. NLM8763264 abstract & JOURNAL OF CLINICAL PATHOLOGY. JUN 1996, vol. 49, no. 6, June 1996 (1996-06), pages 489-492, ISSN: 0021-9746 -----	1-13
Y	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 1999, SEERY J P ET AL: "Abnormal expression of the E-cadherin-catenin complex in dysplastic Barrett's oesophagus." XP002326191 Database accession no. NLM10606424 abstract & ACTA ONCOLOGICA (STOCKHOLM, SWEDEN) 1999, vol. 38, no. 7, 1999, pages 945-948, ISSN: 0284-186X -----	1-13

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DATABASE EMBASE 'Online! ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL; 15 July 1998 (1998-07-15), WILSON K T ET AL: "Increased expression of inducible nitric oxide synthase and cyclooxygenase-2 in Barrett's esophagus and associated adenocarcinomas" XP002326192 Database accession no. EMB-1998243164 abstract &amp; CANCER RESEARCH 15 JUL 1998 UNITED STATES, vol. 58, no. 14, 15 July 1998 (1998-07-15), pages 2929-2934, ISSN: 0008-5472</p> <p>-----</p>	1-13
E	<p>WO 2005/002293 A (VANDERBILT UNIVERSITY; MARNETT, LAWRENCE, J; TIMOFEEVSKI, SERGEI; PRUD) 6 January 2005 (2005-01-06) page 50, lines 17,27; example 4 claims 1,34</p> <p>-----</p>	1-4,6-13
E	<p>WO 2005/030266 A (AMERSHAM HEALTH AS; KLAVENESS, JO; JOHANNESEN, EDVIN; TOLLESHAUG, HELG) 7 April 2005 (2005-04-07) claims; examples</p> <p>-----</p>	1-8
A	<p>WO 01/89584 A (NYCOMED IMAGING AS; KLAVENESS, JO; TOLLESHAUG, HELGE; AMERSHAM HEALTH) 29 November 2001 (2001-11-29) page 21, paragraphs 2,3; claims; example 1</p> <p>-----</p>	4
A	<p>US 5 888 743 A (DAS ET AL) 30 March 1999 (1999-03-30) the whole document</p> <p>-----</p>	1-13

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national application No.  
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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  

Although claims 10-13 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0800831	A	15-10-1997	AT AU DE DE EP NO US CA CN JP WO	264694 T 4497096 A 69632244 D1 69632244 T2 0800831 A1 973484 A 5968479 A 2211470 A1 1180316 A , C 9127115 A 9623525 A1	15-05-2004 21-08-1996 27-05-2004 14-04-2005 15-10-1997 30-09-1997 19-10-1999 08-08-1996 29-04-1998 16-05-1997 08-08-1996
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Information on patent family members

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